

What is claimed is:

1. A liquid absorbent device, comprising:

an outer cover having a central longitudinal axis, and including a top edge, a bottom edge, a first side edge and a second side edge, a first side section between the first side edge and the central longitudinal axis, and a second side section between the second the side edge and the central longitudinal axis,

a first frangible line in the first side section of the outer cover, and a second frangible line in the second side section of the outer cover,

a liquid permeable liner and an absorbent medium joined with the outer cover to form a liquid absorbent device, at least the liquid absorbent medium being located between the first frangible line and the second frangible line,

the liquid absorbent device being folded so the outer cover forms the exterior of the folded liquid absorbent device such that, upon removal of portions of the outer cover outboard the frangible lines and unfolding the liquid absorbent device, a remaining portion of the outer cover is adapted to form a liquid impermeable layer of the liquid absorbent device that includes the liquid permeable liner and the absorbent medium.

2. The device of claim 1 further comprising a first joining element in the first side section, and a second joining element in the second side section.

3. The device of claim 2 wherein the first joining element and the second joining element join respective portions of the folded outer cover together.

4. The device of claim 1 wherein each frangible line is in generally overlapping alignment with itself.

5. The device of claim 2 wherein the first frangible line is between the first joining element and the central longitudinal axis, and the second frangible line is between the second joining element and the central longitudinal axis.

6. The device of claim 1 further comprising a release strip for the liquid absorbent device.

7. The device of claim 5 further comprising a vaginal insertion device placed with the liquid absorbent device.

8. A feminine sanitary protection device, comprising:

an outer cover having a central longitudinal axis, and including a top edge, a
15 bottom edge, a first side edge and a second side edge, a first side section between the first side edge and the central longitudinal axis, and a second side section between the second side edge and the central longitudinal axis,

means in the first side section and in the second side section for removing at
least a portion of the first side section and at least a portion of the second side section
20 from the outer cover, and

a liquid permeable liner and an absorbent medium joined with the outer cover to form a liquid absorbent device,

the liquid absorbent device being folded so the outer cover forms the exterior of the folded liquid absorbent device such that, upon removal of at least a portion of the first side section and at least a portion of the second side section from the outer cover and unfolding the liquid absorbent device, a remaining portion of the outer cover is adapted to form a liquid impermeable layer of the liquid absorbent device that includes the liquid permeable liner and the absorbent medium.

9. The device of claim 8 further comprising means in the first side section and in the second side section for joining respective portions of the folded outer cover together.

10. The device of claim 8 wherein the liquid absorbent device with its outer cover is tri-folded.

11. The device of claim 9 wherein the removing means is between the joining means.

12. The device of claim 8 further comprising a release strip for the liquid absorbent device.

13. The device of claim 8 wherein the removing means includes a first frangible line in

the first side section, and a second frangible line in the second side section.

14. The device of claim 13 wherein each the frangible line includes perforations in the outer cover.

15. The device of claim 8 further comprising a vaginal insertion device placed with the liquid absorbent device.

16. A method of making a feminine sanitary protection device, comprising the steps of:

providing a continuously moving layer of liquid impermeable material including a pair of side edges and a pair of side portions;

aligning a plurality of absorbent article components at spaced apart intervals with the continuously moving layer of liquid impermeable material and joining the components to the liquid impermeable material to form absorbent articles;

forming a frangible line in each of the side portions;

applying a joining element in each of the side portions;

forming a plurality of individual absorbent articles with its respective individual portions of the layer of liquid impermeable material, and

folding each individual absorbent article and its respective portion of the layer of material together.

17. The method of claim 16, wherein plurality of absorbent article components are supported on a carrier sheet that forms a bodyside cover or liner of the absorbent article.

18. The method of claim 16 further comprising the step of placing a vaginal insertion device on each absorbent article.

19. The method of claim 16 wherein each frangible line is formed between the joining element of its respective side section and a central longitudinal axis of the layer of material.

20. The method of claim 16 wherein each joining element is applied continuously.

21. The method of claim 16 wherein each joining element is applied intermittently.

22. The method of claim 16 wherein the step of forming a plurality of individual absorbent articles and respective individual portions of the layer of material includes cutting the layer of material between the panty shields.

23. The method of claim 16 wherein the step of folding includes tri-folding each absorbent article and its respective individual portion of the layer of liquid impermeable material.

24. A method of making a feminine sanitary protection device, comprising the steps of:

providing a continuously moving layer of liquid impermeable material including a pair of side edges and a pair of side sections,

forming a frangible line in each of the side sections of the layer of material,

5 applying a joining element in each of the side sections of the layer of material,

placing a plurality of panty shield components at spaced apart intervals on the continuously moving layer of liquid impermeable material and joining the components to the liquid impermeable layer to form panty shields,

forming a plurality of individual panty shields and respective individual portions of the
10 layer of material, and

folding each individual portion of the layer of material and its panty shield together.

25. A method of making a feminine sanitary protection device, comprising the steps of:

providing a continuously moving layer of liquid impermeable material including a pair of side edges and a pair of side sections,

forming a frangible line in each of the side sections,

5 placing a plurality of panty shield components at spaced apart intervals on the continuously moving layer of liquid impermeable material and joining the components to the liquid impermeable layer to form panty shields,

forming a plurality of individual panty shields and respective individual portions of the layer of material, and

10 folding each individual portion of the layer of material and its panty shield together.

26. The method of claim 25 further comprising the step of applying a joining element in each of the side sections of the layer of material.

27. The method of claim 25 further comprising the step of placing a vaginal insertion device on each panty shield.

5 28. The method of claim 25 wherein each frangible line is formed between the joining element of its respective side section and a central longitudinal axis of the layer of material.

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